



RECORD OF EXAMINATION

Mitchell Gallo
Aviation Accident Investigator
Central Region

NTSB Accident Number: CEN21FA327

Person(s): Jose Ojeda, Inspector, FAA San Antonio Flight Standards District Office
Jeffrey Johnson, FAA San Antonio Flight Standards District Office

Date: July 20, 2021

Narrative:

The airplane was located about 20 miles north-northwest of DRT. The airplane was resting inverted and had an approximate tail-to-nose heading of 202°. The propeller, located several feet forward of the airplane nose, exhibited chordwise scratching consistent with rotation. The propeller hub was split in half, consistent with impact damage. The propeller to airframe heading was about 022°. Ground scarring was limited to the areas under the propeller and the airframe. There was no ground scarring across the field. The airplane had substantial damage to the fuselage, wings, and empennage.

The airplane nose and both wings exhibited an approximate crush angle of 90°. The airplane nose was crushed inward to the main landing gear. Impact damage to both wings were approximately symmetric consistent with no changes in roll, yaw, and pitch upon impact. The airplane wings, rudder, empennage, and all control surfaces were located with the fuselage at the accident site. Both wing flaps were retracted.

The engine crankcase was broken open and several of the internal engine components were near the nose of the airplane. The internal engine components did not exhibit failure.

The tachometer indicator gauge needle was deformed along the tachometer face. The tachometer indicated about 2,600 rpm.

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Air Safety Investigator